

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,701  
Source: PCT  
Date Processed by STIC: 03/02/2006

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PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/533,701

DATE: 03/02/2006  
TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt  
Output Set: N:\CRF4\03022006\J533701.raw

3 <110> APPLICANT: Janssen, Giselle  
4 Murray, Christopher J.  
5 Winetzky, Deborah  
7 <120> TITLE OF INVENTION: Skin or Hair Binding Peptides  
9 <130> FILE REFERENCE: GC788-US  
11 <140> CURRENT APPLICATION NUMBER: US 10/533,701  
C--> 12 <141> CURRENT FILING DATE: 2005-05-03  
14 <150> PRIOR APPLICATION NUMBER: PCT/US03/36234  
15 <151> PRIOR FILING DATE: 2003-11-12  
17 <150> PRIOR APPLICATION NUMBER: US 60/429,051  
18 <151> PRIOR FILING DATE: 2002-11-25  
20 <160> NUMBER OF SEQ ID NOS: 111  
22 <170> SOFTWARE: PatentIn version 3.2  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 12  
26 <212> TYPE: PRT  
27 <213> ORGANISM: Artificial Sequence  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: synthetic skin binding peptide  
32 <400> SEQUENCE: 1  
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34 1 5 10  
36 <210> SEQ ID NO: 2  
37 <211> LENGTH: 7  
38 <212> TYPE: PRT  
39 <213> ORGANISM: Artificial Sequence  
41 <220> FEATURE:  
42 <223> OTHER INFORMATION: synthetic skin binding peptide  
44 <400> SEQUENCE: 2  
45 Gln Ala Thr Phe Met Tyr Asn  
46 1 5  
48 <210> SEQ ID NO: 3  
49 <211> LENGTH: 12  
50 <212> TYPE: PRT  
51 <213> ORGANISM: Artificial Sequence  
53 <220> FEATURE:  
54 <223> OTHER INFORMATION: synthetic skin binding peptide  
56 <400> SEQUENCE: 3  
57 His Gly His Met Val Ser Thr Ser Gln Leu Ser Ile  
58 1 5 10  
60 <210> SEQ ID NO: 4  
61 <211> LENGTH: 11  
62 <212> TYPE: PRT

(P9-6)

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65 <213> ORGANISM: Artificial Sequence  
67 <220> FEATURE:  
68 <223> OTHER INFORMATION: synthetic skin binding peptide  
70 <400> SEQUENCE: 4  
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72 1 5 10  
74 <210> SEQ ID NO: 5  
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76 <212> TYPE: PRT  
77 <213> ORGANISM: Artificial Sequence  
79 <220> FEATURE:  
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83 Leu Ser Pro Ser Arg Met Lys  
84 1 5  
86 <210> SEQ ID NO: 6  
87 <211> LENGTH: 7  
88 <212> TYPE: PRT  
89 <213> ORGANISM: Artificial Sequence  
91 <220> FEATURE:  
92 <223> OTHER INFORMATION: synthetic skin binding peptide  
94 <400> SEQUENCE: 6  
95 Leu Pro Ile Pro Arg Met Lys  
96 1 5  
98 <210> SEQ ID NO: 7  
99 <211> LENGTH: 7  
100 <212> TYPE: PRT  
101 <213> ORGANISM: Artificial Sequence  
103 <220> FEATURE:  
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106 <400> SEQUENCE: 7  
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112 <212> TYPE: PRT  
113 <213> ORGANISM: Artificial Sequence  
115 <220> FEATURE:  
116 <223> OTHER INFORMATION: synthetic skin binding peptide  
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119 His Gln Arg Pro Tyr Leu Thr  
120 1 5  
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124 <212> TYPE: PRT  
125 <213> ORGANISM: Artificial Sequence  
127 <220> FEATURE:  
128 <223> OTHER INFORMATION: synthetic skin binding peptide  
130 <400> SEQUENCE: 9

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Input Set : A:\GC788-US.ST25.txt  
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131 Ala Pro Gln Gln Arg Pro Met Lys Thr Phe Asn Thr  
132 1 5 10  
134 <210> SEQ ID NO: 10  
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137 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
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143 Ala Pro Gln Gln Arg Pro Met Lys Thr Val Gln Tyr  
144 1 5 10  
146 <210> SEQ ID NO: 11  
147 <211> LENGTH: 7  
148 <212> TYPE: PRT  
149 <213> ORGANISM: Artificial Sequence  
151 <220> FEATURE:  
152 <223> OTHER INFORMATION: synthetic skin binding peptide  
154 <400> SEQUENCE: 11  
155 Pro Pro Trp Leu Asp Leu Leu  
156 1 5  
158 <210> SEQ ID NO: 12  
159 <211> LENGTH: 7  
160 <212> TYPE: PRT  
161 <213> ORGANISM: Artificial Sequence  
163 <220> FEATURE:  
164 <223> OTHER INFORMATION: synthetic skin binding peptide  
166 <400> SEQUENCE: 12  
167 Pro Pro Trp Thr Phe Pro Leu  
168 1 5  
170 <210> SEQ ID NO: 13  
171 <211> LENGTH: 7  
172 <212> TYPE: PRT  
173 <213> ORGANISM: Artificial Sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: synthetic skin binding peptide  
178 <400> SEQUENCE: 13  
179 Ser Val Thr His Leu Thr Ser  
180 1 5  
182 <210> SEQ ID NO: 14  
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184 <212> TYPE: PRT  
185 <213> ORGANISM: Artificial Sequence  
187 <220> FEATURE:  
188 <223> OTHER INFORMATION: synthetic skin binding peptide  
190 <400> SEQUENCE: 14  
191 Val Ile Thr Arg Leu Thr Ser  
192 1 5  
194 <210> SEQ ID NO: 15  
195 <211> LENGTH: 7

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Input Set : A:\GC788-US.ST25.txt  
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196 <212> TYPE: PRT  
197 <213> ORGANISM: Artificial Sequence  
199 <220> FEATURE:  
200 <223> OTHER INFORMATION: synthetic skin binding peptide  
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204 1 5  
206 <210> SEQ ID NO: 16  
207 <211> LENGTH: 12  
208 <212> TYPE: PRT  
209 <213> ORGANISM: Artificial Sequence  
211 <220> FEATURE:  
212 <223> OTHER INFORMATION: synthetic skin binding peptide  
214 <400> SEQUENCE: 16  
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216 1 5 10  
218 <210> SEQ ID NO: 17  
219 <211> LENGTH: 12  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
223 <220> FEATURE:  
224 <223> OTHER INFORMATION: synthetic skin binding peptide  
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228 1 5 10  
230 <210> SEQ ID NO: 18  
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232 <212> TYPE: PRT  
233 <213> ORGANISM: Artificial Sequence  
235 <220> FEATURE:  
236 <223> OTHER INFORMATION: synthetic skin binding peptide  
238 <400> SEQUENCE: 18  
239 Phe Pro Leu Thr Ser Lys Pro Ser Gly Ala Cys Thr  
240 1 5 10  
242 <210> SEQ ID NO: 19  
243 <211> LENGTH: 12  
244 <212> TYPE: PRT  
245 <213> ORGANISM: Artificial Sequence  
247 <220> FEATURE:  
248 <223> OTHER INFORMATION: synthetic skin binding peptide  
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252 1 5 10  
254 <210> SEQ ID NO: 20  
255 <211> LENGTH: 7  
256 <212> TYPE: PRT  
257 <213> ORGANISM: Artificial Sequence  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: synthetic skin binding peptide

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Input Set : A:\GC788-US.ST25.txt  
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262 <400> SEQUENCE: 20  
263 Pro Leu Leu Ala Leu His Ser  
264 1 5  
266 <210> SEQ ID NO: 21  
267 <211> LENGTH: 7  
268 <212> TYPE: PRT  
269 <213> ORGANISM: Artificial Sequence  
271 <220> FEATURE:  
272 <223> OTHER INFORMATION: synthetic skin binding peptide  
274 <400> SEQUENCE: 21  
275 Tyr Pro Ile Ser Thr Gln Ile  
276 1 5  
278 <210> SEQ ID NO: 22  
279 <211> LENGTH: 12  
280 <212> TYPE: PRT  
281 <213> ORGANISM: Artificial Sequence  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: synthetic skin binding peptide  
285 <400> SEQUENCE: 22  
287 Tyr Ala Lys Gln His Tyr Pro Ile Ser Thr Phe Lys  
288 1 5 10  
290 <210> SEQ ID NO: 23  
291 <211> LENGTH: 7  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: synthetic skin binding peptide  
298 <400> SEQUENCE: 23  
299 His Ser Thr Ala Tyr Leu Thr  
300 1 5  
302 <210> SEQ ID NO: 24  
303 <211> LENGTH: 12  
304 <212> TYPE: PRT  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: synthetic skin binding peptide  
310 <400> SEQUENCE: 24  
311 Ser Thr Ala Tyr Leu Val Ala Met Ser Ala Ala Pro  
312 1 5 10  
314 <210> SEQ ID NO: 25  
315 <211> LENGTH: 12  
316 <212> TYPE: PRT  
317 <213> ORGANISM: Artificial Sequence  
319 <220> FEATURE:  
320 <223> OTHER INFORMATION: synthetic skin binding cluster sequence  
322 <220> FEATURE:  
323 <221> NAME/KEY: VARIANT  
324 <222> LOCATION: (8)..(8)  
325 <223> OTHER INFORMATION: Xaa can be any L-amino acid

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/533,701

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Input Set : A:\GC788-US.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 8,16,11,12  
Seq#:26; Xaa Pos. 4,5,6  
Seq#:27; Xaa Pos. 1,2,4  
Seq#:28; Xaa Pos. 1,6  
Seq#:29; Xaa Pos. 2,7  
Seq#:30; Xaa Pos. 1,6,7,9,10,11,12  
Seq#:31; Xaa Pos. 2,7,8,9,10,11,12  
Seq#:32; Xaa Pos. 2,3,4  
Seq#:33; Xaa Pos. 2,3,4  
Seq#:53; Xaa Pos. 2  
Seq#:54; Xaa Pos. 2  
Seq#:57; Xaa Pos. 4,5,7  
Seq#:58; Xaa Pos. 2,3,4  
Seq#:59; Xaa Pos. 2  
Seq#:60; Xaa Pos. 2,4  
Seq#:61; Xaa Pos. 5,6  
Seq#:62; Xaa Pos. 1,3

## VERIFICATION SUMMARY

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Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0  
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0  
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0